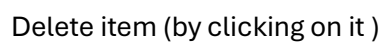
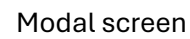


Main screen





Name: Loay Tamer Mohamed
Section: 3



Colors:

Primary: #5e0acc

Secondary: #311b6b

Code :

Goal input component:

```
1  import {
2    View,
3    TextInput,
4    Button,
5    StyleSheet,
6    Modal,
7    Image,
8  } from "react-native";
9  import { useState } from "react";
10 Codeium: Refactor | Explain | Generate JSDoc | X
11 function GoalInput(props) {
12   const [enteredGoalText, setEnteredGoalText] = useState("");
13
14   Codeium: Refactor | Explain | Generate JSDoc | X
15   function goalInputHandler(enteredText) {
16     setEnteredGoalText(enteredText);
17   }
18
19   Codeium: Refactor | Explain | Generate JSDoc | X
20   function addGoalHandler() {
21     props.onAddGoal(enteredGoalText);
22     setEnteredGoalText("");
23   }
24
25   return (
26     <Modal visible={props.visible} animationType="slide">
27       <View style={styles.inputContainer}>
28         <Image
29           source={require("../assets/images/goal.png")}
30           style={styles.image}
31         />
32         <TextInput
33           style={styles.textInput}
34           placeholder="Your course goal!"
35           onChangeText={goalInputHandler}
36           value={enteredGoalText}
37         />
38       </View>
39       <View style={styles.buttonContainer}>
40         <View style={styles.button}>
41           <Button
42             title="Add Goal"
43             onPress={addGoalHandler}
44             color={"#5e0acc"}
45           />
46         </View>
47         <View style={styles.button}>
48           <Button title="Cancel" onPress={props.onCancel} color={"#f31282"} />
49         </View>
50       </View>
51     </Modal>
52   );
53 }
```



Style:

```
54 const styles = StyleSheet.create({
55   inputContainer: {
56     flex: 1,
57     justifyContent: "center",
58     alignItems: "center",
59     padding: 16,
60     backgroundColor: "#311b6b",
61   },
62   textInput: {
63     borderWidth: 1,
64     borderColor: "#e4d0ff",
65     borderRadius: 6,
66     backgroundColor: "#e4d0ff",
67     color: "#120438",
68     width: "100%",
69     padding: 8,
70   },
71   buttonContainer: {
72     marginTop: 16,
73     flexDirection: "row",
74   },
75   button: {
76     width: 100,
77     marginHorizontal: 8,
78   },
79   image: {
80     width: 100,
81     height: 100,
82     margin: 20,
83   },
84 });
85
```

Goal item Component:

```
1 import { StyleSheet, Text, View, Pressable } from "react-native";
2 function GoalInput(props) {
3   return (
4     <View style={styles.goalItem}>
5       <Pressable
6         android_ripple={{ color: "#210644" }}
7         onPress={props.onDeleteItem.bind(this, props.id)}
8       >
9         <Text style={styles.goalText}>{props.text}</Text>
10      </Pressable>
11    </View>
12  );
13 }
14
15 export default GoalInput;
16
17 const styles = StyleSheet.create({
18   goalItem: {
19     margin: 8,
20     borderRadius: 6,
21     backgroundColor: "#5e0acc",
22   },
23   goalText: {
24     color: "white",
25     padding: 8,
26   },
27 });
```



App Component

```
7 export default function App() {  
8   const [modalIsVisible, setModalIsVisible] = useState(false);  
9   const [courseGoals, setCourseGoals] = useState([]);  
10  
11  
12   Codeium: Refactor | Explain | Generate JSDoc | ✕  
13   function startAddGoalHandler() {  
14     setModalIsVisible(true);  
15   }  
16  
17   Codeium: Refactor | Explain | Generate JSDoc | ✕  
18   function endAddGoalHandler() {  
19     setModalIsVisible(false);  
20   }  
21  
22   Codeium: Refactor | Explain | Generate JSDoc | ✕  
23   function addGoalHandler(enteredGoalText) {  
24     setCourseGoals(currentGoals => [  
25       ...currentGoals,  
26       {text: enteredGoalText, id: Math.random().toString()}  
27     ]);  
28     endAddGoalHandler();  
29   }  
30  
31   Codeium: Refactor | Explain | Generate JSDoc | ✕  
32   function deleteGoalHandler(id) {  
33     setCourseGoals(currentGoals => {  
34       return currentGoals.filter((goal) => goal.id !== id);  
35     })  
36   }  
37 }
```

```
34 return (  
35   <>  
36     <StatusBar style="light" />  
37     <View style={styles.appContainer}>  
38       <Button  
39         title="Add New Goal"  
40         color="#5e0acc"  
41         onPress={startAddGoalHandler}  
42       />  
43       <GoalInput  
44         onAddGoal={addGoalHandler}  
45         visible={modalIsVisible}  
46         onCancel={endAddGoalHandler}  
47       />  
48       <View style={styles.goalsContainer}>  
49         <FlatList  
50           data={courseGoals}  
51           renderItem={(itemData) => {  
52             return (  
53               <GoalItem  
54                 id={itemData.item.id}  
55                 text={itemData.item.text}  
56                 onDeleteItem={deleteGoalHandler}  
57               />  
58             );  
59           }  
60           keyExtractor={(item, index) => {  
61             return item.id;  
62           }}  
63         />  
64       </View>  
65     </View>  
66   </>  
67 )
```

```
70 const styles = StyleSheet.create({  
71   appContainer: {  
72     flex: 1,  
73     paddingTop: 50,  
74     paddingHorizontal: 16,  
75   },  
76  
77   goalsContainer: {  
78     flex: 7,  
79   },  
80 },  
81  
82 });
```